

**From:** [Barth, Edwin](#)  
**To:** [Mills, Marc](#); [Brenner, Richard](#); [Lyons, Terry](#); [Lazorchak, Jim](#); [Schubauer-Berigan, Joseph](#)  
**Cc:** [Miller, Gary](#); [Timberlake, Dennis](#); [McKernan, John](#)  
**Subject:** references for sediment resuspension (dredging and capping)  
**Date:** Friday, June 20, 2014 9:14:10 AM

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Marc/Dick/Terry/Jim/Joe:

I have been providing some technical assistance to Gary Miller (Reg 6) for the San Jacinto River site (South of I-10 in Houston). There are approx. 200,000 CY of low density dioxin (paper mill sludge) contaminated sediment deposited from the shore outward into the river, approx.. 60% of the sediment/sludge is under the water. To finalize the approach, Gary would like to have some references to estimate:

1. Resuspension of sediment during hydraulic or mechanical dredging (his current default value is 3%)
2. Ideas for isolating dredging influence (Cofferdam, sheet piling, etc.)
3. Estimate of fish tissue increase from dredging operations.

Feel free to contact Gary directly, and perhaps cc me on any references you provide.

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